

Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
112107APPLICATION NO.  
New US Patent Application

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)  
Katsuyuki OGURA, Koji TAKESAKOFILING DATE  
March 19, 20021c945 U.S. PRO  
10/099991  
03/19/02

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
PJR		JP A 1-288612 w/ abstract	11/20/1989	JAPAN	—	—
PJR		JP A 6-146654 w/ abstract	05/27/1994	JAPAN	—	—

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

*Pamela J. Davis*

DATE CONSIDERED

12/15/03

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
112107APPLICATION NO.  
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APPLICANT(S)  
Katsuyuki OGURA et al.FILING DATE  
March 19, 2002GROUP  
3683

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
PJR	5,719,481	2/1998	Mo	—	—
PJR	5,462,361	10/1995	Sato et al.		
PJR	5,678,460	10/1997	Walkowc	—	—
PJR	5,944,152	8/1999	Lindsay et al.		

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
WO 99/06731	2/1999	PCT	—	—
WO 00/53937	9/2000	PCT	—	—
<del>JP 06-146654</del>	<del>5/1994</del>	<del>Japan</del>	<del>—</del>	<del>—</del>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

~~English-language Abstract and English-language Translation of JP-06-146654.~~**RECEIVED****OCT 30 2003****GROUP 3600**

EXAMINER

*Pamela J. Kaling*

DATE CONSIDERED

*12/15/03*

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Date: October 29, 2003